

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): VAN DER SCHAAR et al.  
 Appln. No.: 09 | 842,203  
 Series Code ↑ | Serial No. ↑



Group Art 2851  
 Examiner: David B. Esplin  
 Atty. Dkt. P 280250 | P-0181.010-US  
 M# Client Ref

2851

Filed: April 26, 2001  
 Hon. Commissioner of Patents  
 Washington, D.C. 20231

Sir:

Appln. Title: LITHOGRAPHIC PROJECTION APPARATUS, A METHOD FOR DETERMINING A POSITION OF A SUBSTRATE ALIGNMENT MARK, A DEVICE MANUFACTURING METHOD AND DEVICE MANUFACTURED THEREBY

Date: April 3, 2003

## REPLY/AMENDMENT/LETTER

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

## FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim	For B & C See Required Separate Paper (Pat-256)	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
A. <input checked="" type="checkbox"/> NOT made							
B. <input type="checkbox"/> Withdrawn							
C. <input type="checkbox"/> made herewith							
D. <input type="checkbox"/> made previously							
2. Total Effective Claims	20	**minus	20	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	6	***minus	3	3	x \$84/\$42 =	+ \$252	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) .....				add	+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: March 19, 2003	<input type="checkbox"/> NONE						
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached		(1 mo)	\$110/\$55 =				115/215
		(2 mos)	\$410/\$205 =	+ \$110			116/216
		(3 mos)	\$930/\$465 =				117/217
		(4 mos)	\$1,450/\$725 =				118/218
		(5 mos)	\$1,970/\$985 =				128/228
7. Enter any previous extension fee paid since above original due date and subtract				- \$0			
8.				Extension Fee	+ \$110		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee .....				+ \$110/\$55	+ \$0		148/248
10. If IDS attached requires Official Fee under Rule 97 (c), .....		add		+ \$180	+ \$0		126
or if Rule 97(d) Request .....		add		+ \$180	+ \$0		126
11. After-Final Request Fee per rules 129(a) and 17(r) .....				+ \$750/370	+ \$0		146/246
12. No. of additional inventions for examination per Rule 129(b).....				x \$750/375 ea	+ \$0		149/249
13. Request for Continued Examination (RCE) .....				+ \$750/375	+ \$0		1179/1279
14. Petition fee for .....				+ \$0			
15.				TOTAL FEE =	\$362		
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".							
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.							
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.							
04/06/2003 CCHAU1 0000042 033975 09842203				Our Deposit Account No. 03-3975 (Our Order No. 81468 280250)			
02 FC:1251 110.00 CH				C#	M#		
CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.							
This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.				Query: Is appeal deadline now? If so, file Notice of Appeals separately.			

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NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

Confirmation No.: 5405

VAN DER SCHAAR et al.

Group Art Unit: 2851

Appln. No.: 09/842,203

Examiner: ESPLIN, DAVID B

Filed: April 26, 2001

Title: LITHOGRAPHIC PROJECTION APPARATUS, A METHOD FOR DETERMINING A POSITION OF A SUBSTRATE ALIGNMENT MARK, A DEVICE MANUFACTURING METHOD AND DEVICE MANUFACTURED THEREBY

April 3, 2003

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AMENDMENT

Hon. Commissioner of Patents  
Washington, D.C. 20231

Sir:

In reply to the Office Action dated December 19, 2002, please amend the above identified application as follows:

IN THE CLAIMS:

Please enter the following amended claims.

3. (Amended) A lithographic projection apparatus comprising:  
a radiation system constructed and arranged to supply a projection beam of radiation;  
a support structure constructed and arranged to support beam patterning structure, the beam patterning structure serving to pattern the projection beam according to a desired pattern;  
a substrate table constructed and arranged to hold a substrate;  
a projection system constructed and arranged to project the patterned beam onto a target portion of the substrate; and  
an alignment system to align the substrate to the beam patterning structure, said alignment system comprising: